

ABSTRACT

The present invention is directed to a high density electrical connector which can provide 80 or more twinax connections per linear inch in a 20 millimeter card slot. In a typical electronic system package, 20 millimeters is the spacing from center line to center line of the adjacent parallel daughtercards. Twinax cable is coaxial cable that contains two inner conducting wires rather than one. The two inner conducting wires provide two physical channels. Coaxial cable is called "coaxial" because it includes one physical channel that carries the signal surrounded (after a layer of insulation) by another concentric physical channel, both running along the same axis. The outer channel serves as ground.